

1 **REMARKS**

2 **Amendments to the Specification**

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4 A Substitute Specification has been submitted and is drawn from a careful
5 consideration of the original brief specification and the drawings. The several drawings,
6 unnumbered in the original application and comprising production drawings, contain
7 considerable detail which, when considered in conjunction with the original specification,
8 are respectfully urged to the Examiner to support the textual descriptions seen in the
9 Substitute Specification. It is believed that no new matter has been added.
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12 **Examiner's Advisory Action of April 16, 2003**

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14 Your applicant respectfully urges the Examiner to reconsider the Examiner's
15 conclusions as stated in the Advisory Action. Your applicant respectfully urges the
16 Examiner to review the recitation of the Brief Description of the Drawings re: Figure 1.
17 At the outset, your applicant acknowledges that the Brief Description re: Figure 1 must be
18 amended and states that the lengthy statement is merely for the purpose of binging
19 attention to the several features not addressed in the text of the original specification but
20 which are presented in considerable detail in the drawings.
21

22 The Examiner states, in the Advisory Action, that "...There is no description in the
23 original specification of media retained by a "depression" or securing the vane via
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28 with copy to Examiner Fred Prince
by Floyd E. Ivey.

Application No. 09/041,685

1 "adhesive" or a "friction fit". Your applicant respectfully directs the Examiner to Figures
2 1, 2, 3, 4, 5 and 5A where either a "depression" or a "slot" is seen at (150). It is
3 respectfully urged that while there is no reference to adhesive or friction fit, that one of
4 ordinary skills in the arts would know to achieve a "fixing" by some "fixing means"
5 including likely adhesives and or friction.
6

7 The Examiner states that "The original specification states that the media is an
8 "eight-vaned structure" and that there is no reference to fewer than eight vanes. The
9 Examiner is respectfully directed to the drawings of the inner core depicting vanes at
10 figures 2 and 3 and in particular to Figure 2 at the upper right corner, essentially beneath
11 the title TUBE DETAIL. There, as well as in Figure 2, the Examiner will observe vanes
12 bearing dashed lines suggesting alternative structures to a strict eight vaned structure.
13 Your applicant urges the Examiner to appreciate the teaching of vaned inner cores within
14 tubes rather than the teaching of "eight-vaned" inner cores within tubes.
15

16 The Examiner comments that the claims in the amendment call for an inner core
17 placed into a tube and is no longer directed toward vortices and that "...The "core in tube"
18 subject matter was not explicitly described or claimed and requires further
19 searching/consideration. Your applicant agrees that such was not claimed but was shown
20 in the original drawings and has resubmitted this Petition for Revival with the Continuing
21 Application fee.
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SUMMARY OF AMENDMENTS AND REMARKS

The applicant has submitted a Request for Reconsideration, of the Dismissal of Petitioner's Petition for Revival and a Continuing Application. Accordingly, the applicant has made a good faith attempt place the application in condition to be returned to examination. Your applicant requests the Office of Petitions to return this application to prosecution and to withdraw the said objections and rejections and to allow the claims as set forth.

Respectfully submitted

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CERTIFICATE OF TRANSMISSION: FOR OFFICIAL FILING

The undersigned hereby certifies that this correspondence is being facsimile transmitted to the Patent and Trademark Office Fax No. (703) 872-9707 on September 21, 2003.

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